



Form 1449 (Modified) Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)	Atty Docket No. PRINP002	Application No.: 10/056,103
	Applicant: Sohn et al.	
	Filing Date January 23, 2002	Group 2858

U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
<i>Dr</i>	1	3,984,307	10-05-1976	Kamentsky et al.			
<i>Dr</i>	2	5,376,878	12-27-1994	Fisher			

Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
<i>Dr</i>	3	WO 00/49385	24.08.2000	PCT			X	

Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
<i>Dr</i>	4	Duffy et al., "Rapid Prototyping of Microfluidic Systems in Poly(dimethylsiloxane)", (1998) Analytical Chemistry, Vol. 70, No. 23, pp. 4974-84
<i>Dr</i>	5	DeBlois et al., "Counting and sizing of submicron particles by the resistive pulse technique", (1970) Rev. Sci. Instrum., Database accession no. 194870, XP002215413, Abstract
<i>Dr</i>	6	Communication relating to the results of the partial international search, PCT/US02/02144, mailed Nov. 15, 2002, EPO
Examiner <i>Donald M. Jain</i>		Date-Considered- <i>7-8-03</i>

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Other Documents

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Dr ✓	L	Koutsouris et al., "Determination of Erthrocyte Transit Times Through Micropores", Biorheology, Vol. 25, pp 763-772, 1988.
Dr ✓	M	Koch et al., "Two Simple Micromixers Based on Silicon", J. Micromech. Microeng., pp 123-126, 1988.
Dr ✓	N	Tracey et al., "A Silicon Micromachined Device for Use in Blood Cell Deformability Studies", IEEE Transactions on Biomedical Engineering, Vol. 42, No. 8, pp 751-761, August 1995.
Dr ✓	O	DeBlois et al., "Counting and Sizing of Submicron Particles by the Resistive Pulse Technique", The Review of Scientific Instruments", Vol. 41, No. 7, pp 909-916, July 1970.
Dr ✓	P	Koch et al., "Design and Fabrication of a Micromachined Coulter Counter", J. Micromech. Microeng., Vol. 9, pp 159-161, 1999.
Dr ✓	Q	DeBlois et al., "Electrokinetic Measurements with Submicron Particles and Pores by the Resistive Pulse Techniques", Journal of Colloid and Interface Science, Vol. 61, No. 2, pp 323-335, September 1977.
Dr	R	Asami et al., "Real-Time Monitoring of Yeast Cell Division by Dielectric Spectroscopy", Biophysical Journal, Vol. 76, pp 3345-3348, June 1999.
Dr	S	Chou et al., "A Microfabricated Device for Sizing and Sorting DNA Molecules", Proc. Natl. Acad. Sci. USA, Vol. 96, pp 11-13, January 1999
Dr	T	Saleh et al., "Quantitative Sensing of Nanoscale Colloids using a Microchip Coulter Counter", Review of Scientific Instruments, Vol. 72, No. 12, pp 4449-4451, December 2001.
Dr	U	Saleh et al., "A Quantitative Nanoscale Coulter Counter", Abstract for presentation at October, 2001 MicroTAS conference, in Monterey, CA, 3 pages
Dr	V	Saleh et al., "A Quantitative Nanoscale Coulter Counter" Presentation at October, 2001 MicroTAS conference, in Monterey, CA, 17 pages
Examiner <i>Donald M. Fair</i>		Date Considered <i>7-8-03</i>

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DS	A	4,810,650	3/7/89	Kell et al.	435	291	9/22/87
DS	B	5,744,366	4/28/98	Kricka et al.	436	63	11/14/94
DS	C	5,824,477	10/20/98	Stanley	435	6	4/1/96

Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
DS	D	WO 01/18246	3/15/01	PCT	C12Q	1/68		N/A
DS	E	WO 94/02846	2/3/94	PCT	G01N	33/48		N/A

Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
DS ✓	F	Unger et al., "Monolithic Microfabricated Valves and Pumps by Multilayer Soft Lithography", Science, Vol. 288, pp 113-116, April 7, 2000.
DS ✓	G	Quake et al., "From Micro- to Nanofabrication with Soft Materials", Science, Vol. 290, pp 1536-1540, November 24, 2000.
DS ✓	H	Fu et al., "A Microfabricated Fluorescence-Activated Cell Sorter", Nature Biotechnology, Vol. 17, pp 1109-1111, November 1999.
DS ✓	I	Sun et al., "Fabrication and Characterization of Single Pores for Modeling Mass Transport across Porous Membranes", Langmuir, Vol. 15, pp 738-741, 1999.
DS ✓	J	Larsen et al., "Microchip Coulter Particle Counter", Transducers '97, pp 1319-1322, 1997.
DS ✓	K	Fan et al., "Micromachining of Capillary Electrophoresis Injectors and Separators on Glass Chips and Evaluation of Flow at Capillary Intersections", Analytical Chemistry, Vol. 66, No. 1, pp 177-184, January 1, 1994.
Examiner Donnell M. Fair		Date Considered 7-7-02

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